



# NAVIGATION TRAINING

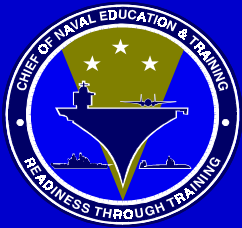
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## LINCOLN AND GEORGE WASHINGTON BATTLE GROUP ECDIS-N TRAINING AND CERTIFICATION CONFERENCE

Captain Thomas Russell

CNET ETE

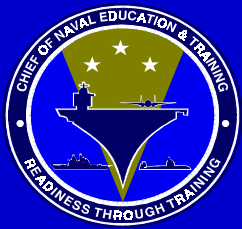
September 2001



# TOPICS

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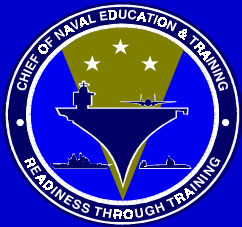
- Training Requirements
- Navigation training
- ECDIS-N
- Follow-on CNET Initiatives
- Issues



# TRAINING REQUIREMENTS

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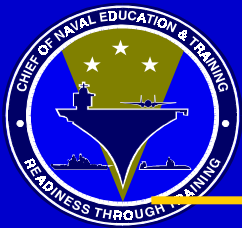
- How are training requirements identified:
  - Equipment acquisition
    - OPNAVINST 1500.76
    - Navy Training Systems Plan (NTSP)
      - Developed by Program Office
      - Intended to be the definitive statement of billets, personnel, training requirements and supporting resources
      - Drives new & revised requirements
      - MPT
      - Facilities
      - Equipment
      - Instructors
      - Curriculum (new or revised)
      - Training Devices
      - Technology (CBT, simulation, etc.)



# TRAINING REQUIREMENTS

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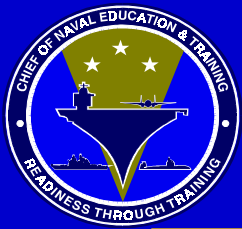
- NTSP should also reflect:
  - Initial Training
    - Factory
    - Install
    - On-Board
  - Formal Training
    - “A” Schools
    - “C” Schools
- Warfare Sponsor
  - NTRR Process
  - Other:
  - Message Traffic (Safety Mishap or TYCOM)
  - Annual Combat Systems and Engineering Damage Control Steering Committees and other forums such as: OAG’s and Program Reviews



# NAVIGATION TRAINING

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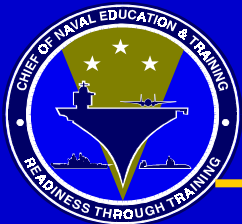
- Formal Training
  - QM “A” School
    - SSC Great Lakes
  - OS “A” School
    - FCTCLANT Dam Neck
  - RADNAV
    - FCTCLANT, FCTCPAC, MWTC, ATGMIDPAC, ATGWESTPAC
  - Celestial Navigation Basic
    - FTC Norfolk, FTC San Diego, FTC Mayport, ATGMIDPAC
  - Navigation Piloting
    - FTC Norfolk, FTC San Diego, FTC Mayport, ATGMIDPAC
  - NAVSSI Maintenance included in ISM course
    - FCTCLANT and FTC San Diego



# NAVIGATION TRAINING

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- Refresher Training
  - Senior Quartermaster/Navigator Refresher
    - FTC Norfolk, FTC San Diego, FTC Mayport
  - Celestial Navigation Refresher
    - FTC Norfolk, FTC San Diego, FTC Mayport
  - Rules of the Road
    - Available to all personnel
  - AN/WRN-6 Operation (GPS)
    - Available to all personnel



# ECDIS-N

<u>REQUIREMENT</u>	<u>STATUS</u>	<u>RESPONSIBILITY</u>
Revise NTSP	Out for Review	PMW-156
Develop Curricula*	In Process	PMW-156
Train Instructors	SEP/OCT	PMW-156
Deliver Curricula	OCT 01	PMW-156
Install Equipment FTC SD	OCT 01	PMW-156
Pilot Course	NOV 01	PMW-156
Install Equip FTC Norfolk	NOV 01	PMW-156
Stand up Formal COI	JAN 02	CNET
Develop PQS	FY 02	CINC's
ECDIS-N CBT	FY 03	PMW-156

*\* Incorporate IBS/VMS & CO/XO module*

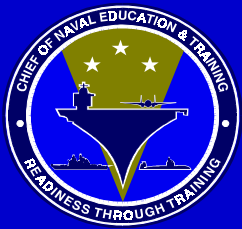


# ECDIS-N SEQUENCE OF TRAINING

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<u>Type</u>	<u>Recipient</u>	<u>Dates</u>
Instructor Training	24 Navy	Sep-Oct 01
Initial Installation Training	12 SPAWAR	Nov 01
Ship Crew Install Training	2-3 Ship Personnel	On-going
Ship OP's Training	Battle Group	Jan – done
SWOS	SWO Community	FY04

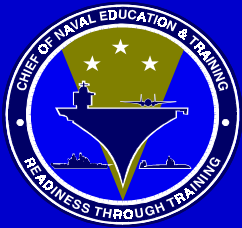




# FOLLOW-ON CNET INITIATIVES

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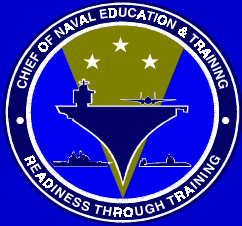
- Reengineer the AN/WRN-6 STEP course to reside on E-Learning
- Re-activate AN/WRN-6 Course of Instruction;
  - FTC Norfolk
  - FTC San Diego
    - Utilize ATG Norfolk and ATG San Diego instructors



# ISSUES

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- QM, OS “A” School and FTC Mayport not scheduled for ECDIS-N installation
- RADNAV Trainers not scheduled for upgrade
- No plan for familiarization training for CO’s/XO’s
- No short term solution to introduce ECDIS-N into SWOS
- Follow-on training for Navigators



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# QUESTIONS?